Index of Claims

| App | lication | /Control | No. |
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|     |          |          |     |

09/995,927 Examiner

Applicant(s)/Patent under Reexamination

ALTENBERND ET AL.

Art Unit

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Afsar M. Qureshi

2667

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

Interference

A Appeal

O Objected

| Claim Date             |          |          | .        | Claim         |          |          | Date   |                 |           |          |              | ]             | Cla      | aim              | Date     |               |           |          |                 |                 |       |          |          |          |          |          |          |          |          |          |          |          |
|------------------------|----------|----------|----------|---------------|----------|----------|--|-----------------|-----------|----------|--------------|---------------|----------|------------------|----------|---------------|-----------|----------|-----------------|-----------------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                        |          | _        |          |               | Ι -      |          |  |                 |           |          |              |               |          |                  |          |               | Т         |          |                 | Т               | 1     |          |          |          |          |          |          |          |          |          |          |          |
| <u></u>                | Original | 8/12/05  |          |               |          |          |  |                 |           |          |              | ā             | Original |                  |          |               |           |          |                 |                 |       | <u>a</u> | Original |          |          |          |          |          |          |          |          |          |
| Final                  | Ē        | 12       |          |               |          |          | l  |                 |           |          | 4,           | Final         | īrig     |                  |          |               |           |          |                 |                 |       | Final    | 'n       |          |          |          |          |          | 1        |          |          |          |
|                        | 0        | ~        |          |               |          | ļ        |  |                 |           |          |              |               | 0        |                  |          |               |           |          |                 |                 |       |          | 0        |          |          |          |          |          |          |          |          |          |
|                        | 1        | 1        | Г        |               | 1        |          | 1  |                 | П         |          | <br>         |               | 51       |                  |          |               |           | П        | 十               | 1               | 1     |          | 101      | М        |          | $\neg$   |          | $\neg$   |          | $\Box$   | ┪        | $\neg$   |
|                        | 2        | 1        |          | _             | ऻ        |          |  |                 |           |          | 4 - 4        |               | 52       | П                |          |               | $\top$    | П        | 一               | $\top$          | 1     |          | 102      | П        |          |          |          | ヿ        |          | $\Box$   | 按        | $\neg$   |
|                        | 3        | 1        | $\vdash$ | $\overline{}$ | $\vdash$ |          |  |                 | П         |          |              |               | 53       |                  | 7        |               | 1         | П        | 十               | $\top$          | 1     |          | 103      | П        |          | ヿ        |          | ヿ        | T        | $\Box$   | $\neg$   | $\neg$   |
|                        | 4        | 1        | $\vdash$ |               |          | Г        | ┞  |                 | П         |          | 7            |               | 54       |                  | 丁        |               | 1         | П        | $\top$          | $\top$          |       |          | 104      |          |          | ヿ        |          | $\neg$   |          | 一        | コ        | $\neg$   |
|                        | 5        | 1        |          |               |          |          |  |                 | П         |          | 4            |               | 55       |                  |          |               |           |          | T               |                 | 1     |          | 105      |          |          |          |          |          |          |          |          |          |
|                        | 6        | 1        |          |               | T        | Г        |  |                 |           |          |              |               | 56       |                  | T        | 7             | 1         |          | 1               |                 |       |          | 106      |          |          |          |          |          |          | $\Box$   | コ        | $\neg$   |
|                        | 7        | 1        |          |               |          |          | Ī  |                 |           |          | · '          |               | 57       | 1                |          |               |           |          | 丁               |                 |       |          | 107      |          |          | $\neg$   |          |          |          |          | $\neg$   | $\neg$   |
|                        | 8        |          |          |               |          |          |  |                 | П         |          |              |               | 58       |                  | Т        | $\neg$        | T         |          | $\neg$          |                 |       |          | 108      | П        |          |          |          |          |          | П        | $\neg$   | $\neg$   |
|                        | 9        |          |          |               |          |          |  |                 | П         |          |              |               | 59       |                  | T        |               |           |          | 丁               |                 |       |          | 109      |          | $\Box$   | ヿ        |          |          |          | $\neg$   | コ        | $\neg$   |
|                        | 10       |          |          |               |          |          |  |                 | Ħ         |          |              |               | 60       |                  |          |               | T         |          | $\neg$          |                 |       |          | 110      |          | $\sqcap$ | $\neg$   |          | Ī        |          |          | ヿ        | $\neg$   |
|                        | 11       |          |          |               |          |          |  |                 |           |          |              |               | 61       |                  |          |               |           |          |                 |                 |       |          | 111      |          |          |          |          |          |          | $\Box$   | コ        | $\neg$   |
|                        | 12       | Г        |          |               |          | Г        |  | П               | $\Box$    |          |              |               | 62       | П                | $\neg$   |               |           |          | $\top$          |                 |       |          | 112      | $\Box$   |          | 一        |          | 一        |          | $\Box$   | $\neg$   | $\neg$   |
|                        | 13       |          | Г        |               |          |          | П  | П               | П         |          |              |               | 63       | П                | $\neg$   |               | T         | $\Box$   | $\neg \uparrow$ | $\neg$          |       |          | 113      | $\Box$   | $\neg$   | 一        |          |          |          | $\dashv$ | $\neg$   | $\neg$   |
|                        | 14       | П        | Г        |               | Г        | T        | Г  |                 | П         |          |              |               | 64       |                  |          |               | 1         | $\Box$   | $\top$          | $\top$          | i     |          | 114      |          |          |          |          |          |          | $\dashv$ | $\dashv$ | $\neg$   |
|                        | 15       |          | Г        |               |          |          | П  | П               | П         |          |              |               | 65       | П                | $\neg$   |               |           | $\Box$   | 丁               |                 |       |          | 115      | П        | $\neg$   | 一        |          |          |          | $\dashv$ | $\dashv$ | $\neg$   |
|                        | 16       | Г        |          |               | П        |          |  |                 | П         |          |              |               | 66       | П                | 十        | $\top$        | T         | $\Box$   | $\dashv$        | $\top$          | Ļ.    | ····     | 116      |          | $\neg$   | $\neg$   | $\neg$   | 寸        |          | $\neg$   | $\neg$   | $\neg$   |
|                        | 17       |          |          |               | Π        |          | T  | П               | П         |          |              |               | 67       |                  |          | 1             | 1         | Ħ        | T               | $\top$          |       |          | 117      |          |          | 一        | $\dashv$ | T        |          | 寸        | $\neg$   |          |
|                        | 18       |          |          |               |          |          | Ī  |                 |           |          | 4            |               | 68       |                  | $\neg$   | $\top$        | T         | $\Box$   | 十               |                 |       |          | 118      |          |          | _        |          | T        | $\neg$   | 寸        | $\neg$   | $\neg$   |
|                        | 19       |          |          |               |          |          | İ  |                 |           |          |              |               | 69       |                  | 1        | $\top$        | T         | $\dashv$ | T               |                 |       |          | 119      |          | 寸        | T        | ヿ        |          |          | $\neg$   | $\neg$   |          |
|                        | 20       |          |          |               |          |          | 1  |                 |           |          |              |               | 70       | $\Box$           | 一        | $\neg \vdash$ | $\top$    | $\neg$   | 1               |                 |       |          | 120      | $\neg$   | 寸        | 一        |          | 寸        | 一        | T        | コ        | $\neg$   |
|                        | 21       |          |          |               | ļ        |          | T  |                 |           |          |              |               | 71       | $\Box$           | 寸        | $\neg$        | 1         | o        | ┪               |                 |       |          | 121      | $\Box$   | 7        | 7        | $\neg$   | ヿ        | 一        | $\neg$   | ヿ        | $\neg$   |
|                        | 22       |          | -        | -             |          |          |  |                 |           |          | 1            |               | 72       | H                | T        | 十             | 1         | $\Box$   | _               |                 |       |          | 122      |          | $\dashv$ | T        | 一        | 7        | 一        | $\dashv$ | 寸        | $\dashv$ |
|                        | 23       |          |          |               |          |          |  |                 |           |          |              |               | 73       | $\Box$           |          | $\top$        | T         | $\Box$   | 7               |                 |       |          | 123      |          |          |          | ヿ        | T        |          | $\neg$   | ヿ        | $\dashv$ |
|                        | 24       | $\vdash$ | _        |               | _        | ┢        |  | П               | $\Box$    |          | -            |               | 74       |                  | $\top$   | $\top$        | 1         | $\top$   | +               |                 |       |          | 124      |          | T        |          | $\neg$   |          | ヿ        | 寸        | ヿ        | $\dashv$ |
|                        | 25       | H        |          |               | $\vdash$ | $\vdash$ | $\vdash$   | П               | $\Box$    | $\neg$   |              |               | 75       | $\vdash$         | $\dashv$ | 一             | $\dagger$ | $\Box$   | +               | $\top$          |       |          | 125      | T        |          | 1        | T        | ヿ        | _        | $\neg$   | 寸        | $\dashv$ |
|                        | 26       | $\vdash$ |          |               | H        |          |  | П               | $\Box$    | $\neg$   |              |               | 76       | 1                | $\neg$   | 十             | †         |          | _               |                 |       |          | 126      | $\dashv$ | 一        |          | $\neg$   | 寸        | 寸        | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 27       |          |          |               | $\vdash$ |          |  | П               |           |          | 7            |               | 77       | H                | +        | $\dashv$      | T         | $\vdash$ | 十               |                 |       |          | 127      | $\dashv$ | 1        |          | 寸        | 寸        | 一        | $\neg$   | ᅥ        | $\dashv$ |
|                        | 28       |          |          |               | $\vdash$ |          | $\vdash$   | Н               | $\Box$    | _        |              |               | 78       | Н                |          | $\top$        | 1         | $\dashv$ | $\top$          | +               |       |          | 128      | $\dashv$ | _        | _        | _        | $\dashv$ | _        | $\neg$   | $\dashv$ | $\dashv$ |
|                        | 29       |          |          |               |          |          |  |                 | $\vdash$  | _        | 1            |               | 79       | H                | $\dashv$ | <u> </u>      | †         | $\dashv$ | +               | -               |       |          | 129      | $\dashv$ | _        | $\dashv$ | _        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 30       |          | _        |               |          |          | ┢  |                 | $\vdash$  | _        | e e          |               | 80       | H                | +        |               |           |          | +               | +               |       |          | 130      | $\dashv$ | _        | $\dashv$ | $\dashv$ | ┪        | $\dashv$ | -        | $\neg$   | $\dashv$ |
| H                      | 31       |          |          | -             |          |          | $\vdash$   | $\vdash$        | $\forall$ | =        |              | -             | 81       | $\vdash$         |          |               | +         | -        | +               | +               |       |          | 131      | -        | $\dashv$ | $\dashv$ | _        | +        |          | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 32       | $\vdash$ |          |               | $\vdash$ | $\vdash$ | _  | -               | $\dashv$  | _        | ŀ            | $\dashv$      | 82       | <del>     </del> | 十        |               | ╁         | $\dashv$ | +               | +               | t ear |          | 132      | _        | $\dashv$ | $\dashv$ | ┪        | +        | -+       | $\dashv$ | $\dashv$ | 一        |
| H                      | 33       |          |          |               | $\vdash$ | -        | -  | $\vdash$        |           | $\dashv$ |              | $\dashv$      | 83       | $\vdash \vdash$  | $\dashv$ | +             | 十一        | -        | +               | +               |       |          | 133      |          | $\dashv$ | $\dashv$ | $\dashv$ | ┪        | -        | -+       | $\dashv$ | $\dashv$ |
|                        | 34       | H        | H        |               | H        | H        | <del>                                     </del> | H               | -         | $\dashv$ | : 1          | $\dashv$      | 84       | $\vdash$         | +        | +             | +         | $\dashv$ | +               | +               |       |          | 134      | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |
| <b>—</b>               | 35       | Н        | $\dashv$ |               | Н        | П        | <del>                                     </del> | H               |           | $\dashv$ |              | -             | 85       | $\vdash$         | +        | +             | +         | $\dashv$ | +               | +               | 25    |          | 135      | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>               | 36       | М        | -        | _             | Н        |          | <del>                                     </del> | Н               |           | $\dashv$ | ď            |               | 86       | $\vdash \vdash$  | $\dashv$ | +             | $\vdash$  | $\dashv$ | +               | +               |       |          | 136      | $\dashv$ | 十        | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 37       | H        | $\vdash$ |               | H        | -        | $\vdash$   | $\vdash$        |           | $\dashv$ |              |               | 87       | H                | $\dashv$ | +             | $\vdash$  | $\dashv$ | +               | ╁               |       |          | 137      | $\dashv$ | -+       | $\dashv$ |          | $\dashv$ | -+       | $\dashv$ | $\dashv$ | ၂        |
| $\vdash \vdash$        | 38       | Н        | $\vdash$ | -             | H        |          | <del> </del>                                     | $\vdash$        | $\vdash$  |          | . }          |               | 88       | $\vdash$         | +        | +-            | +         | $\dashv$ | +               | +               |       |          | 138      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$               | 39       | $\vdash$ | $\vdash$ | _             | H        | $\vdash$ | H  | $\vdash$        | -         | ┪        |              |               | 89       | $\vdash$         | +        | +             | +         | $\dashv$ | +               | +               | 1.2   |          | 139      | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -+       | $\dashv$ | 十        | $\dashv$ | ᅱ        |
| $\vdash \vdash \vdash$ | 40       | Н        | $\dashv$ |               | Н        | $\vdash$ | $\vdash$   | Н               | -         | ٦        |              |               | 90       | H                | $\dashv$ | $\dashv$      | Н         | 1        | $\dashv$        | $\dashv \dashv$ |       |          | 140      | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        |
| $\vdash$               | 41       |          | $\dashv$ |               | H        |          | -  |                 | $\dashv$  | $\dashv$ | ŀ            |               | 91       | $\vdash$         | +        | +             | $\vdash$  | $\dashv$ | +               | +               |       |          | 141      | $\dashv$ | $\dashv$ | ᆉ        | $\dashv$ | ┪        | -        | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash \vdash \vdash$ | 42       |          |          |               | H        |          | -  |                 | $\dashv$  | $\dashv$ | , ·          | $\overline{}$ | 92       | $\vdash$         | +        | +             | Н         | $\dashv$ | +               | +               |       |          | 142      | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | ᅱ        |
| $\vdash \dashv$        | 43       | $\dashv$ | $\dashv$ |               | $\vdash$ |          | <u> </u>   | $\vdash$        | +         | $\dashv$ | - 1          |               | 93       | $\vdash$         | +        | +-            | +         | $\dashv$ | ╅               | $\dashv$        | ,     |          | 143      | $\dashv$ | -        | $\dashv$ | ┪        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$               | 44       | $\dashv$ | $\dashv$ |               | Н        | $\vdash$ | $\vdash$   | H               | $\dashv$  | -        | ł            |               | 94       | <del>   </del>   | +        | +             | +         | $\dashv$ | +               | ╅┥              | }     |          | 144      | -        | +        | $\dashv$ | $\dashv$ | $\dashv$ | -        | +        | +        | $\dashv$ |
| $\vdash$               | 45       |          |          | -             | $\vdash$ | $\vdash$ | $\vdash$   | H               | $\dashv$  | $\dashv$ | ٠            |               | 95       | $\dashv$         | +        | +             | $\vdash$  | $\dashv$ | +               | ╅               | ·     |          | 145      | $\dashv$ | 十        | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$               | 46       | $\vdash$ | $\dashv$ | -             | $\vdash$ | $\vdash$ |  | $\vdash$        | $\dashv$  | $\dashv$ | : 1          |               | 96       | -+               | +        | +             | Н         | $\dashv$ | +               | +               | · }   |          | 146      | $\dashv$ | $\dashv$ | -+       | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ |
|                        | 47       | $\dashv$ | $\dashv$ | $\dashv$      | $\vdash$ | -        |  | $\vdash$        | $\dashv$  | $\dashv$ | : - <u> </u> |               | 97       | $\vdash$         | ┰        | +             | Н         | $\dashv$ | +               | +               | .     |          | 147      | $\dashv$ | 十        | $\dashv$ |
|                        | 48       |          |          |               | $\vdash$ | $\dashv$ | $\vdash$   | $\vdash \vdash$ | $\dashv$  | $\dashv$ | }            |               | 98       | $\vdash \vdash$  | +        | +             | Н         | $\dashv$ | +               | +               | · }   |          | 148      | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| ┝╾┼                    | 49       | $\dashv$ | $\dashv$ |               | $\vdash$ |          | $\vdash$   | $\vdash \vdash$ | $\dashv$  | $\dashv$ | · }          |               | 99       | $\vdash$         |          | +             | $\vdash$  | +        | +               | +               | · ł   |          | 149      | -        | -+       | $\dashv$ |
| $\vdash$               | 50       |          | $\dashv$ |               | $\vdash$ | -        | $\vdash$   | $\vdash$        | $\dashv$  | $\dashv$ |              | $\dashv$      | 100      | $\vdash$         | +        | +             | $\vdash$  | $\dashv$ | +               | +               | }     |          | 150      |          | $\dashv$ | $\dashv$ |          | $\dashv$ | +        | +        | $\dashv$ | ᅱ        |
| لـــــا                | 50       | 1        |          |               |          |          | L  | ш               |           |          | L            | 1             | 100      |                  | i_       | _1_           | 11        |          |                 |                 | ٠. [  |          | 130      |          |          |          | 1        |          |          |          | _        |          |